

## **AGENDA ITEM SUMMARY**

### **AGENDA ITEM**

High School Graduates Performance Report  
Coordinating Board for Higher Education  
April 4, 2013

### **DESCRIPTION**

The Coordinating Board for Higher Education (CBHE) provides an annual report to the State Board of Education detailing the preparation, persistence, and completion rates of public high school graduates who enroll at Missouri's public two- and four-year postsecondary institutions. The intent of this board item is to provide a summary of the Missouri High School Graduates Performance Report for the 2011 academic year and 2012 fall semester.

#### **Background**

The Missouri High School Graduates Performance Report tracks Missouri public high school graduates entering the state's public two- and four-year degree-granting postsecondary institutions as first-time, full-time, undergraduate, degree-seeking students in the fall semester following their high school graduation. The annual report, which was first issued in 1996, is intended to provide information to secondary and postsecondary stakeholders regarding student preparation, persistence, and completion. Background on the history and structure of the High School Graduates Performance Report is available in Attachment A. Selected statewide summary data are described below. Detailed summary tables are included in Attachment B, and trend tables for individual high schools are available at <http://dhe.mo.gov/data/hsgradreport.php>.

#### **Enrollment and Preparation**

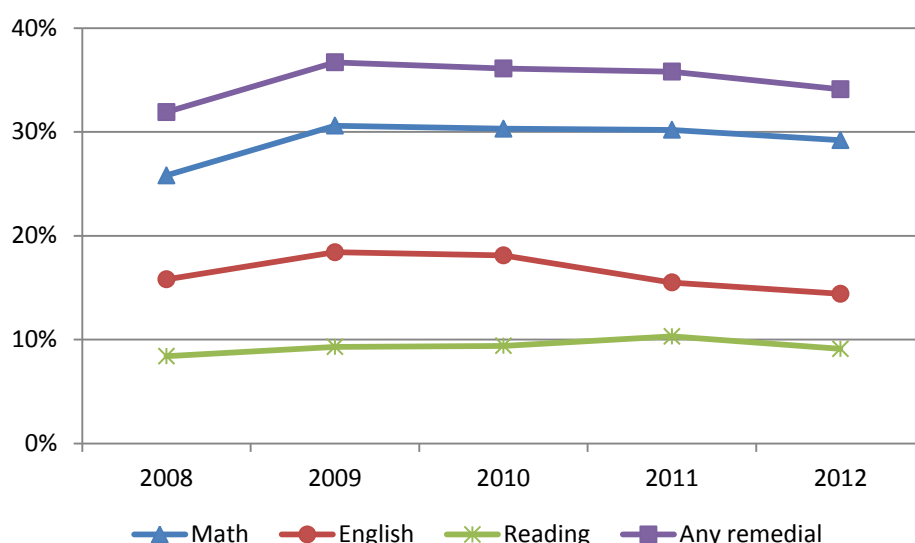
The total enrollment of recent Missouri public high school graduates in Missouri public institutions declined from 23,742 full-time, first-time, degree-seeking undergraduates in 2011 to 21,018 in 2012, a decrease of 11.5 percent (Table 1). Although the two-year institutions have enrolled an increasingly larger proportion of Missouri high school graduates in recent years, the year-to-year decline was greater for this group compared to the four-year institutions. Two-year institutions experienced a 19 percent decline from 2011, whereas four-year institutions experienced nearly a 5 percent decline (Table 1).

Policymakers acknowledge the link between college readiness and success at the postsecondary level. *Imperatives for Change* (IFC), the statewide coordinated plan for higher education, tracks participation in remedial coursework as an indicator of student preparedness and, ultimately, the capacity of students to succeed in college.

Statewide, enrollment in remedial coursework among recent Missouri high school graduates has changed very little over the past five years. The number of students identified as unprepared for

college-level coursework in math, English, reading, and other subjects fell about one percent, from 35.8 percent in 2011 to 34.1 percent in the fall of 2012.

Remedial Participation of Recent Missouri Public High School Graduates in Public Postsecondary Institutions					
	2008	2009	2010	2011	2012
<b>Math</b>	25.8%	30.6%	30.3%	30.2%	29.2%
<b>English</b>	15.8%	18.4%	18.1%	15.5%	14.4%
<b>Reading</b>	8.4%	9.3%	9.4%	10.3%	9.1%
<b>Any</b>	31.9%	36.7%	36.1%	35.8%	34.1%
<b>Enrollment</b>	21,598	22,228	23,948	23,742	21,018



Caution must be exercised in drawing conclusions about all Missouri public high schools based on these statewide remediation figures. In fact, the preparedness of recent high school graduates varied substantially from one public high school to the next. Among high schools with at least 25 graduates enrolled in public colleges and universities in the fall of 2012, the percentage of students participating in any remedial coursework ranged from a low of 4 percent to a high of approximately 82 percent (Tables 2 and 3).

#### *Other Trends in Enrollment and Preparation*

- More than half of students attending open enrollment institutions require remedial coursework (Table 4).
- Remediation rates varied slightly by gender, with 35.8 percent of women enrolling in any remedial course and 31.9 percent of men enrolling in any remedial course. Differences were most pronounced in remedial math, with 31.4 percent of women and 26.5 percent of men requiring such coursework (Table 5).

- Remediation rates differ based on race and ethnicity. African-American (47.9 percent) and Hispanic (44.7 percent) students are more likely to require remediation coursework than Caucasian (28.9 percent) and Asian (15.6 percent) students (Table 6). However, some of the variation across racial and ethnic groups may be due to a change in data coding in 2012.

### **Performance and Retention in College**

Remedial coursework promotes success for underprepared students. Among the more significant findings in the persistence of spring 2011 public high school graduates are:

- Fall-to-fall retention has increased slightly by about two percentage points compared to the previous cohort. This increase is greatest among Hispanic students; however due to changes in coding, it is difficult to compare across racial/ethnic groups (Table 7).
- “Average credits completed” is positively correlated with “GPA.” Asian students had the greatest number of credits completed (32.82) and the highest GPA both semesters. African-American students completed the fewest credits (24.26) and had the lowest GPA both semesters (Table 7 and 8).
- Fall-to-fall retention rates for African-American (63.6 percent) and Hispanic (74.0 percent) students lagged behind their Caucasian (76.4 percent) and Asian (84.9 percent) peers (Table 7 and 8).
- Retention rates varied greatly by sector. Students attending public four-year institutions out-performed those attending public two-year institutions in all categories, regardless of race or ethnicity (Table 8).

### **Degree Completion**

The timely completion of a certificate or degree is an additional indication of how well prepared Missouri’s high school graduates are for college-level work. Detailed tables in Attachment B show the six-year graduation rate of students beginning college in the fall of 2006. The findings include:

- Over half (52.0%) of the 2006 cohort completed a certificate or degree within 6 years. Compared to the previous cohort, this is a slight improvement of less than one percentage point (Table 9 and 10). The greatest year-to-year increase in completions is found among open enrollment institutions (Table 10).

### **Conclusion**

The Missouri High School Graduates Performance Report provides important data about trends in the preparation and performance of public high school graduates who attend public postsecondary institutions in Missouri. This year included the added benefit of collaborating with the Missouri Department of Elementary and Secondary Education in order to gain a more complete picture of those students entering higher education. Although remediation rates have remained steady, the increasing degree completion rate suggests that students are still completing their degrees in a timely manner.

## **STATUTORY REFERENCES**

Section 173.750 RSMo, Annual reporting of performance of graduates, furnishing of report-procedure- data included

## **RECOMMENDED ACTION**

This is an information item only.

## **ATTACHMENTS**

Attachment A:	History and Background
Attachment B:	Detailed Tables

# High School Graduates Performance Report

## History and Background

The Missouri High School Graduates Performance Report tracks Missouri public high school graduates entering the state's public two- and four-year postsecondary institutions as first-time full-time degree-seeking students in the fall semester following their high school graduation.

In accordance with Section 173.750, RSMo, the Missouri High School Graduates Performance Report should provide information to individual high schools, and should be disaggregated by race and gender. No data identifying individual students should be included. The governing statute is available in its entirety at <http://www.moga.mo.gov/statutes/c100-199/1730000750.htm>. The report should include:

- Grade point average after the initial year in college
- Percent of students returning to college after the first and second semester
- Percent of students taking remedial courses in the basic academic subjects of English, mathematics, or reading
- Other data as determined by rule and regulation of the Coordinating Board for Higher Education

Data comprising the report comes from student enrollment data provided annually by Missouri's public colleges and universities. No data in the report comes from the state's independent higher education institutions. High school of record was verified by data from the Missouri Department of Elementary and Secondary Education.

## High School Graduates Report Detailed Tables

### Enrollment and Preparation

Table 1: Recent Public Missouri High School Graduate Enrollment by Sector, Gender, and Race/Ethnicity, 2003 to 2012													
		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	10-Year % Change	1-Year % Change
Overall Enrollment	#	18563	19096	19875	20195	20839	21598	22228	23948	23742	21018	13.23%	-11.47%
Two-Year	#	8064	8369	8329	8734	9188	9227	10504	11225	11279	9132	13.24%	-19.04%
	%	43.44%	43.83%	41.91%	43.25%	44.09%	42.72%	47.26%	46.87%	47.51%	43.45%		
Four Year	#	10499	10727	11546	11461	11651	12371	11724	12723	12463	11861	12.97%	-4.83%
	%	56.56%	56.17%	58.09%	56.75%	55.91%	57.28%	52.74%	53.13%	52.49%	56.43%		
Women	#	10168	10570	11020	11093	11421	11755	12013	13067	12997	11596	14.04%	-10.78%
	%	54.78%	55.36%	55.45%	54.93%	54.82%	54.44%	54.05%	54.61%	54.77%	55.17%		
Men	#	8395	8524	8854	9101	9411	9838	10211	10863	10733	9397	11.94%	-12.45 %
	%	45.22%	44.64%	44.55%	45.07%	45.18%	45.56%	45.95%	45.39%	45.23%	44.71%		
African American	#	1352	1581	1865	1793	1895	2055	2269	2433	2553	1525	12.80%	-40.27%
	%	7.28%	8.28%	9.38%	8.88%	9.09%	9.51%	10.21%	10.16%	10.75%	7.26%		
Caucasian	#	15901	16152	16559	16179	16567	17723	17758	18381	18011	14289	-10.14%	-20.67%
	%	85.66%	84.58%	83.32%	80.11%	79.50%	82.06%	79.89%	76.75%	75.86%	67.98%		
Hispanic	#	274	294	339	381	359	481	486	374	343	275	0.36%	-19.83%
	%	1.48%	1.54%	1.71%	1.89%	1.72%	2.23%	2.19%	1.56%	1.44%	1.31%		
Asian	#	287	309	318	347	345	372	347	408	395	333	16.03%	-15.70%
	%	1.55%	1.62%	1.60%	1.72%	1.66%	1.72%	1.56%	1.70%	1.66%	1.58%		
Other	#	749	760	794	1495	1673	967	1368	2352	2440	4596	513.62%	88.36%
	%	4.03%	3.98%	3.99%	7.40%	8.03%	4.48%	6.15%	9.82%	10.28%	21.87%		

Source: Enhanced Missouri Student Achievement Study (EMSAS)

\*Note: The 2012 change in race counts may be due to a change coding for that year

**Table 2: Missouri Public High Schools with Lowest Incidence of Remediation, 2012 Graduates**

High School	Percentage of Students Taking Any Remedial Courses	Number of Students Enrolled at a Public College
SOUTH SHELBY HIGH	4.00%	25
LINCOLN COLLEGE PREP.	6.67%	45
MARSHFIELD HIGH	7.14%	28
REPUBLIC HIGH	7.14%	42
LADUE HORTON WATKINS HIGH	7.81%	64
ROCK BRIDGE SR. HIGH	10.14%	276
BOLIVAR HIGH	10.71%	28
LEE'S SUMMIT WEST HIGH	10.77%	130
GLENDALE HIGH	10.77%	65
NIXA HIGH	11.65%	103

Source: Enhanced Missouri Student Achievement Study (EMSAS)

Note: Data are limited to public high school graduates enrolled in public colleges or universities  
Data on schools with fewer than 25 graduates enrolled at public colleges do not meet reporting standards.

Table 3: Missouri Public High Schools with Highest Incidence of Remediation, 2012 Graduates		
High School	Percentage of Students Taking Any Remedial Courses	Number of Students Enrolled at a Public College
NORTH TECHNICAL	81.97%	61
RIVERVIEW GARDENS SR. HIGH	79.10%	67
NORMANDY HIGH	76.00%	50
ROOSEVELT HIGH	75.00%	32
HAZELWOOD EAST HIGH	73.03%	89
JENNINGS HIGH	72.41%	58
CARNAHAN SCH. OF THE FUTURE	68.97%	29
WARSAW HIGH	66.67%	33
BAYLESS SR. HIGH	63.27%	49
CENTRAL VISUAL/PERF. ARTS HIGH	63.27%	49
Source: Enhanced Missouri Student Achievement Study (EMSAS)		
Note: Data are limited to public high school graduates enrolled in public colleges or universities		
Data on schools with fewer than 25 graduates enrolled at public colleges do not meet reporting standards.		



**Table 4: Recent Missouri Public High School Graduate Enrollment in Remediation by Institutional Admissions Selectivity; 2003 to 2012**

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	10-Year Difference	1-Year Difference
<b>Selective</b>	<b>2.89%</b>	<b>2.78%</b>	<b>1.36%</b>	<b>1.58%</b>	<b>1.30%</b>	<b>1.42%</b>	<b>9.01%</b>	<b>7.62%</b>	<b>7.07%</b>	<b>7.85%</b>	<b>4.96%</b>	<b>0.78%</b>
Math	-	-	-	-	-	-	8.55%	7.16%	6.60%	7.18%	7.18%	0.58%
English	2.89%	2.78%	1.36%	1.58%	1.30%	1.42%	1.44%	1.36%	1.22%	1.45%	-1.44%	0.23%
Reading	-	-	-	-	-	-	-	-	-	-	-	-
<b>Mod Selective</b>	<b>27.40%</b>	<b>27.27%</b>	<b>28.34%</b>	<b>27.31%</b>	<b>25.49%</b>	<b>28.08%</b>	<b>17.84%</b>	<b>31.90%</b>	<b>25.67%</b>	<b>32.99%</b>	<b>5.59%</b>	<b>7.32%</b>
Math	21.94%	21.72%	22.26%	21.93%	21.12%	23.17%	12.20%	26.11%	18.05%	26.86%	4.92%	8.81%
English	7.87%	8.70%	9.03%	8.52%	6.66%	8.14%	8.71%	10.24%	10.51%	11.10%	3.23%	0.59%
Reading	3.55%	2.79%	2.33%	1.18%	0.08%	0.00%	0.18%	0.00%	0.05%	3.53%	-0.02%	3.48%
<b>Open</b>	<b>50.97%</b>	<b>53.71%</b>	<b>58.28%</b>	<b>58.26%</b>	<b>58.06%</b>	<b>55.35%</b>	<b>60.04%</b>	<b>56.90%</b>	<b>57.16%</b>	<b>54.66%</b>	<b>3.69%</b>	<b>-2.50%</b>
Math	42.45%	43.13%	48.58%	48.77%	49.16%	45.22%	50.18%	47.53%	48.99%	47.08%	4.63%	-1.91%
English	25.51%	27.13%	30.44%	28.08%	28.83%	28.94%	31.94%	31.86%	25.96%	25.28%	-0.23%	-0.68%
Reading	10.11%	11.02%	16.13%	16.39%	16.57%	17.38%	17.79%	18.77%	19.83%	17.96%	7.85%	-1.87%
Source: Enhanced Missouri Student Achievement Study (EMSAS)												

**Table 5: Recent Missouri Public High School Graduate Enrollment in Remediation by Gender; 2003 to 2012**

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	10-Year Difference	1-Year Difference
<b>Women</b>	<b>30.53%</b>	<b>33.55%</b>	<b>34.39%</b>	<b>34.45%</b>	<b>34.90%</b>	<b>32.99%</b>	<b>37.93%</b>	<b>37.44%</b>	<b>37.41%</b>	<b>35.77%</b>	<b>5.24%</b>	<b>-1.64%</b>
Math	25.99%	27.38%	29.16%	28.96%	29.94%	27.71%	32.91%	32.30%	32.74%	31.38%	5.39%	-1.36%
English	13.40%	15.07%	15.92%	15.14%	15.24%	15.06%	18.13%	17.79%	15.35%	14.19%	0.79%	-1.16%
Reading	6.26%	6.53%	9.15%	9.32%	9.18%	9.10%	10.61%	10.06%	11.10%	10.08%	3.82%	-1.02%
<b>Men</b>	<b>29.36%</b>	<b>30.00%</b>	<b>31.97%</b>	<b>32.43%</b>	<b>31.86%</b>	<b>30.65%</b>	<b>35.28%</b>	<b>34.63%</b>	<b>33.81%</b>	<b>31.91%</b>	<b>2.55%</b>	<b>-1.90%</b>
Math	21.76%	22.01%	24.76%	25.76%	25.61%	23.43%	27.83%	28.02%	27.10%	26.51%	4.75%	-0.59%
English	15.99%	16.54%	17.48%	16.34%	16.52%	16.63%	18.79%	18.49%	15.69%	14.56%	-1.43%	-1.13%
Reading	4.53%	5.20%	6.95%	6.96%	7.09%	7.49%	7.85%	8.63%	9.35%	7.96%	3.43%	-1.39%
Source: Enhanced Missouri Student Achievement Study (EMSAS)												

Table 6: Recent Missouri Public High School Graduate Enrollment in Remediation by Race/Ethnicity; 2003 to 2012

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	10-Year Difference	1-Year Difference
<b>African American</b>	<b>59.69%</b>	<b>56.55%</b>	<b>58.28%</b>	<b>53.76%</b>	<b>59.21%</b>	<b>56.84%</b>	<b>59.14%</b>	<b>61.55%</b>	<b>60.99%</b>	<b>47.87%</b>	<b>-11.82%</b>	<b>-13.12%</b>
Math	52.51%	47.56%	49.12%	43.95%	49.18%	44.09%	50.51%	52.86%	51.78%	40.46%	-12.05%	-11.32%
English	36.54%	33.33%	32.33%	29.34%	32.66%	32.51%	36.45%	39.13%	35.49%	25.38%	-11.16%	-10.11%
Reading	20.49%	19.54%	23.97%	25.10%	27.65%	27.64%	28.12%	31.44%	29.89%	12.39%	-8.10%	-17.50%
<b>Caucasian</b>	<b>27.39%</b>	<b>29.66%</b>	<b>30.74%</b>	<b>30.63%</b>	<b>29.81%</b>	<b>28.93%</b>	<b>33.73%</b>	<b>31.80%</b>	<b>33.83%</b>	<b>28.85%</b>	<b>1.46%</b>	<b>-4.98%</b>
Math	21.73%	22.97%	25.01%	25.16%	24.86%	23.55%	27.96%	26.51%	28.74%	24.42%	2.69%	-4.32%
English	12.61%	13.87%	14.97%	13.81%	13.62%	13.58%	15.88%	14.70%	13.13%	10.31%	-2.30%	-2.82%
Reading	4.10%	4.54%	6.30%	6.02%	5.75%	5.99%	6.62%	6.55%	8.03%	5.75%	1.65%	-2.28%
<b>Hispanic</b>	<b>32.48%</b>	<b>31.29%</b>	<b>28.91%</b>	<b>33.60%</b>	<b>35.65%</b>	<b>35.97%</b>	<b>40.12%</b>	<b>35.83%</b>	<b>41.11%</b>	<b>44.73%</b>	<b>12.25%</b>	<b>3.62%</b>
Math	26.64%	23.81%	24.19%	27.56%	29.25%	29.73%	33.54%	30.75%	34.69%	33.09%	6.45%	-1.60%
English	15.33%	19.73%	12.68%	18.37%	18.38%	19.54%	23.25%	20.05%	21.87%	21.09%	5.76%	-0.78%
Reading	8.39%	5.44%	9.73%	8.92%	7.80%	11.64%	13.99%	11.50%	16.91%	17.45%	9.06%	0.54%
<b>Asian</b>	<b>26.83%</b>	<b>20.06%</b>	<b>16.67%</b>	<b>24.78%</b>	<b>20.87%</b>	<b>26.34%</b>	<b>24.50%</b>	<b>23.77%</b>	<b>28.61%</b>	<b>15.62%</b>	<b>-11.21%</b>	<b>-12.99%</b>
Math	16.03%	11.97%	9.12%	15.27%	13.33%	18.01%	14.99%	19.12%	21.01%	10.51%	-5.52%	-10.50%
English	17.77%	13.59%	10.69%	16.14%	13.62%	15.59%	17.29%	11.27%	16.20%	9.01%	-8.76%	-7.19%
Reading	4.53%	3.88%	2.52%	7.49%	3.77%	5.91%	6.05%	5.88%	11.39%	3.90%	-0.63%	-7.49%
<b>Other/Unknown</b>	<b>32.18%</b>	<b>35.00%</b>	<b>36.90%</b>	<b>42.81%</b>	<b>43.34%</b>	<b>33.92%</b>	<b>40.06%</b>	<b>45.96%</b>	<b>24.22%</b>	<b>46.34%</b>	<b>14.16%</b>	<b>22.12%</b>
Math	24.83%	26.58%	29.85%	36.12%	37.60%	28.34%	34.36%	38.86%	19.18%	41.45%	16.62%	22.27%
English	15.09%	18.16%	18.14%	18.66%	18.41%	18.51%	20.32%	23.77%	11.15%	23.26%	8.17%	12.11%
Reading	6.94%	8.29%	11.46%	12.24%	11.84%	10.24%	12.72%	9.23%	5.45%	18.47%	11.53%	13.02%
Source: Enhanced Missouri Student Achievement Study (EMSAS) Note: The 2012 change in race counts may be due to a change coding for that year												

## Performance and Retention in College

Table 7: Recent Missouri Public High School Graduate Retention by Gender and Race/Ethnicity, Fall 2011- Fall 2012								
	Students	Completed Fall 2011	Avg. Fall 2011 GPA	Avg. Credits Completed (Fall 2011)	Completed Spring 2012	Avg. Spring 2012 GPA	Avg. Credits Completed (Spring 2012)	Enrolled Fall 2012
<b>Female</b>	<b>12851</b>	<b>92.04%</b>	<b>2.80</b>	<b>19.12</b>	<b>79.95%</b>	<b>2.84</b>	<b>31.68</b>	<b>76.70%</b>
African American	1560	92.37%	2.33	13.56	76.92%	2.33	24.26	63.27%
Caucasian	9567	92.22%	2.85	19.66	80.00%	2.90	32.32	77.92%
Hispanic	188	80.85%	2.65	18.20	71.81%	2.64	29.40	76.60%
Asian	176	89.77%	2.96	19.71	87.50%	2.92	32.16	85.80%
Other/Unknown	1360	92.21%	2.98	21.73	83.24%	2.99	35.44	82.35%
<b>Male</b>	<b>10612</b>	<b>91.84%</b>	<b>2.55</b>	<b>18.12</b>	<b>77.75%</b>	<b>2.66</b>	<b>30.85</b>	<b>74.12%</b>
African American	925	91.14%	2.09	13.46	74.16%	2.16	24.27	64.11%
Caucasian	8265	92.12%	2.59	18.47	78.04%	2.70	31.23	74.70%
Hispanic	151	82.12%	2.38	15.36	66.89%	2.49	27.12	70.86%
Asian	214	90.65%	2.98	19.78	83.64%	2.94	33.38	84.58%
Other/Unknown	1057	91.86%	2.59	19.53	79.00%	2.72	33.22	76.73%
<b>Total</b>	<b>23475</b>	<b>91.95%</b>	<b>2.69</b>	<b>18.67</b>	<b>78.96%</b>	<b>2.76</b>	<b>31.31</b>	<b>75.53%</b>
African American	2486	91.91%	2.24	13.52	75.91%	2.27	24.26	63.60%
Caucasian	17838	92.18%	2.73	19.11	79.10%	2.81	31.82	76.42%
Hispanic	339	81.42%	2.53	16.93	69.62%	2.58	28.42	74.04%
Asian	319	90.28%	2.97	19.71	85.17%	2.93	32.82	84.91%
Other/Unknown	2421	92.07%	2.81	20.76	81.37%	2.87	34.49	79.88%
Source: Enhanced Missouri Student Achievement Study (EMSAS)								

Table8: Recent Missouri Public High School Graduate Retention by Sector and Race/Ethnicity, Fall 2011- Fall 2012								
Sector	Students	Completed Fall 2011	Avg Fall 2011 GPA	Avg Credits Completed (Fall 2011)	Completed Spring 2012	Avg Spring 2012 GPA	Avg Credits Completed (Spring 2012)	Enrolled Fall 2012
<b>Public 2Y</b>	<b>11134</b>	<b>84.32%</b>	<b>2.45</b>	<b>15.14</b>	<b>67.97%</b>	<b>2.56</b>	<b>25.53</b>	<b>64.53%</b>
African American	1162	84.25%	2.04	9.90	63.68%	2.07	19.30	50.52%
Caucasian	9008	85.72%	2.50	15.89	69.64%	2.62	26.36	66.26%
Hispanic	192	68.75%	2.34	14.78	54.17%	2.47	24.32	67.1%
Asian	139	74.10%	2.82	14.30	66.91%	2.80	24.89	76.26%
Other/Unknown	633	71.41%	2.35	14.08	56.56%	2.46	24.26	62.09%
<b>Public 4Y</b>	<b>12341</b>	<b>98.84%</b>	<b>2.87</b>	<b>21.38</b>	<b>88.87%</b>	<b>2.90</b>	<b>35.30</b>	<b>85.45%</b>
African American	1324	98.64%	2.39	16.23	86.63%	2.39	27.46	75.08%
Caucasian	8830	98.77%	2.93	21.96	88.74%	2.96	36.20	86.78%
Hispanic	147	98.96%	2.70	18.90	89.80%	2.66	31.66	82.31%
Asian	252	99.21%	3.03	21.94	95.24%	2.98	35.89	89.68%
Other/Unknown	1788	99.38%	2.92	22.46	90.16%	2.97	36.76	86.19%
<b>Total</b>	<b>23475</b>	<b>91.95%</b>	<b>2.69</b>	<b>18.67</b>	<b>78.96%</b>	<b>2.76</b>	<b>31.31</b>	<b>75.53%</b>
African American	2486	91.91%	2.24	13.52	75.91%	2.27	24.26	63.60%
Caucasian	17838	92.18%	2.73	19.11	79.10%	2.81	31.82	76.42%
Hispanic	339	81.42%	2.53	16.93	69.62%	2.58	28.42	74.04%
Asian	319	90.28%	2.97	19.71	85.17%	2.93	32.82	84.91%
Other/Unknown	2421	92.07%	2.81	20.76	81.37%	2.87	34.49	79.88%
Source: Enhanced Missouri Student Achievement Study (EMSAS)								

## Degree Completion

Table 9: Recent Missouri Public High School Graduate Six-Year Completion Rate by Gender and Race/Ethnicity, Fall 2006 through Spring 2012				
	Students	% Completed Associate's	% Completed at least Baccalaureate	Total Completions
<b>Female</b>	<b>14446</b>	<b>10.59%</b>	<b>42.86%</b>	<b>54.36%</b>
African American	1435	5.78%	25.92%	32.26%
Caucasian	11409	11.68%	45.81%	58.48%
Hispanic	308	8.44%	40.26%	49.03%
Asian	261	6.90%	56.70%	63.60%
Other/Unknown	1033	6.78%	31.17%	38.82%
<b>Male</b>	<b>11876</b>	<b>9.15%</b>	<b>38.70%</b>	<b>49.01%</b>
African American	1028	4.09%	19.84%	24.22%
Caucasian	9451	10.33%	41.45%	53.15%
Hispanic	239	5.02%	33.47%	38.49%
Asian	217	8.76%	56.22%	64.98%
Other/Unknown	941	4.04%	29.01%	33.58%
<b>Total</b>	<b>26323</b>	<b>9.94%</b>	<b>41.99%</b>	<b>51.95%</b>
African American	2463	5.08%	23.39%	28.91%
Caucasian	20860	11.07%	43.83%	56.06%
Hispanic	547	6.95%	37.29%	44.42%
Asian	478	7.74%	56.49%	64.23%
Other/Unknown	1975	5.47%	30.18%	36.35%

Source: Enhanced Missouri Student Achievement Study (EMSAS)

Table 10: Recent Missouri Public High School Graduate Six-Year Completion Rate by Institutional Admissions Selectivity, Fall 2006 through Spring 2012				
	Students	Completed Associate's Degree	% Completed at least Baccalaureate	Total Completions
<b>Total</b>	<b>26323</b>	<b>9.94%</b>	<b>41.99%</b>	<b>51.95%</b>
Highly Selective	1300	1.46%	77.92	79.38%
Selective	9137	1.95%	67.58%	69.83%
Moderately Selective	15137	15.76%	22.86%	40.21%
Open	749	4.67%	18.69%	23.50%

Source: Enhanced Missouri Student Achievement Study (EMSAS)